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(21)Application number : 10-146881 (71)Applicant : SANKYO CO LTD  
(22)Date of filing : 28.05.1998 (72)Inventor : NISHI TAKEHIDE  
YAMAGUCHI TAKESHI

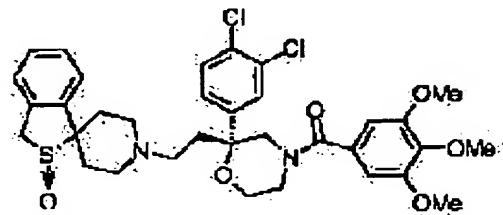
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(54) SALT OF OPTICALLY ACTIVE SULFOXIDE DERIVATIVE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a new compound, having an antagonistic activity for receptors of both substance P and neurokinin A and useful as prophylactic and therapeutic agents for tachykinin-mediated diseases.

**SOLUTION:** This compound is a hydrochloride or a fumarate of 1-[2-[(2 R)-(3,4-dichlorophenyl)-4-(3,4,5-trimethoxybenzoyl)morpholin-2-yl]ethyl]spiro-[benzo(c)thiophene-1(3H),4'-piperidine]-(2S)-oxide [a compound represented by the formula ( $>S^* \rightarrow O$  is a sulfoxide in which oxygen is combined with sulfur by the absolute configuration)]. The compound can be produced by converting the compound represented by the formula into the hydrochloride or the fumarate according to a well-known method. For example, psychosis, Alzheimer's disease, osteoarthritis, inflammatory intestinal disease, bronchitis, asthma, rhinitis, incontinence of urine and collagen disease are cited as tachykinin-mediated diseases.



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(71)出願人 000001856

三共株式会社

東京都中央区日本橋本町3丁目5番1号

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(72)発明者 西 剛秀

東京都品川区広町1丁目2番58号 三共株式  
会社内

(31)優先権主張番号 特願平9-141805

(72)発明者 山口 武

東京都品川区広町1丁目2番58号 三共株式  
会社内

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(74)代理人 弁理士 大野 彰夫 (外2名)

(33)優先権主張国 日本 (JP)

(54)【発明の名称】光学活性スルホキシド誘導体の塩

(57)【要約】

【課題】良好な経口吸収性を有し、NK<sub>1</sub>受容体及びNK<sub>2</sub>受容体に対する格別な拮抗活性を有する化合物を提供する。

【解決手段】1- {2- [(2R)- (3, 4-ジクロロフェニル)-4-(3, 4, 5-トリメトキシベンゾイル)モルホリン-2-イル]エチル}スピロ[ベンゾ(c)チオフェン-1(3H), 4'-ビペリジン]- (2S)-オキシドの塩酸塩又はフマル酸塩。